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**CURRICULUM VITA**  
**CARMEN CASTANEDA SCEPPA, M.D., Ph.D.**

**OFFICE ADDRESS**

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Bouvé College of Health Sciences  
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**EDUCATION**

1983            **Bachelor's in Science (Pre-Med)**  
Del Valle University, Guatemala City, Guatemala

1987            **Medical Doctor**  
School of Medicine, Francisco Marroquin University, Guatemala City,  
Guatemala

1994            **Ph.D. in Nutrition**  
School of Nutrition Science and Policy, Tufts University, Medford, MA

1995 – 1997    **Post-doctoral Clinical Nutrition Fellow**  
New England Medical Center, Tufts University, Boston, MA

**FACULTY APPOINTMENTS AND EMPLOYMENT HISTORY**

2018 –            **Senior Associate Dean of Academic Affairs**  
Bouvé College of Health Sciences, Northeastern University, Boston, MA

2017 – 2018    **Associate Dean of Undergraduate Education**  
Bouvé College of Health Sciences, Northeastern University, Boston, MA

2015 – 2017    **Chair, Department of Health Sciences**  
Northeastern University, Boston, MA

2014            **Professor, Health Sciences**  
Northeastern University, Boston, MA

Jul 12 – Dec 13 **Interim Chair, Department of Health Sciences**  
Northeastern University, Boston, MA

2011 – 2015    **Director, Graduate Program in Exercise Science**  
Northeastern University, Boston, MA

2008 – 2013    **Associate Professor, Health Sciences** (*Tenured 2011*)  
Northeastern University, Boston, MA

2004 – 2007    **Associate Professor, Nutrition**  
Friedman School of Nutrition Science and Policy, Tufts Univ., Boston, MA

2002 – 2004    **Interim Director, Exercise Physiology and Sarcopenia Laboratory**  
Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts  
University, Boston, MA

2002 – 2004    **Assistant Professor, Medicine**  
Tufts University School of Medicine, Boston, MA

2000 – 2004    **Assistant Professor, Nutrition**  
Friedman School of Nutrition Science and Policy, Tufts Univ., Boston, MA

1997 – 2007    **Scientist II, Exercise Physiology and Sarcopenia Laboratory**

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- Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA
- 1994 – 1997 **Scientist III, Exercise Physiology and Sarcopenia Laboratory**  
Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA
- 1987 – **Licensed Medical Doctor (No. 6391)** - Guatemala City, Guatemala

## AWARDS AND HONORS

- 2017 **Network of Minority Health Research Investigators (NIDDK/NIH) Medallion** In recognition of highest commitment to mentoring diverse faculty to engage in aging research to improve our understanding of minority health and health disparities.
- 2015 **Faculty of the Year**, Department of Residential Life, Northeastern University, Boston, MA
- 2010 **Outstanding Professor**, Sister of Sigma Delta Tau Society, Northeastern University, Boston, MA
- 2008 **People Exercising Program Archstone Foundation's Award for Excellence in Program Innovation**, Gerontological Health Section, American Public Health Association, Long Beach, CA
- 2001 **Advancement in Leadership Award**, Brookdale Foundation, New York, NY
- 2000 **Future Leader Award**, International Life Sciences Institute, Washington, DC
- 1998 **Brookdale National Fellow**, Brookdale Foundation, New York, NY  
<http://www.brookdalefoundation.org/Leadership/Fellows/bio.html>
- 1989 **Dr. Fernando Biguria Scholarship**, Guatemala City, Guatemala
- 1987 **Cum laude**, School of Medicine, Francisco Marroquin University, Guatemala City, Guatemala
- 1983 **Excellence Scholarship**, School of Medicine, Francisco Marroquin University, Guatemala City, Guatemala

## RESEARCH AND SCHOLARSHIP

Dr. Sceppa's program of research addresses three main areas in the field of aging including: (1) assessing the efficacy of nutrition and exercise interventions on chronic disease risk factors and health outcomes; (2) translating evidence-based lifestyle interventions into 'real world' settings for older adults; and (3) developing sustainable strategies to promote health and reduce the burden of impairment, disease and disability in older adults. In addition to advancing the field, her translational research (randomized controlled trials and participatory community-based research) contributes to teaching and mentoring new generations of academicians, researchers, clinicians, and entrepreneurs interested in the fields of health, health care, and public health.

### Refereed Original Articles

(\* indicates student/fellow author; † indicates lead/senior role in conception of the study design and primary data collection)

1. Hoffman JA, \*Schmidt EM, **Castaneda-Sceppa C**, John D, Hillman C. The Theoretical Foundation, Fidelity, Feasibility, and Acceptability of a Teacher Training to Promote Physical Activity among Preschoolers in Child Care: A Pilot Study. *Preventive Medicine Reports* 2019: <https://doi.org/10.1016/j.pmedr.2019.01.003> †

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2. \*Saksono H, **Castaneda-Sceppa C**, Hoffman J, Seif El-Nasr M, Morris V, Parker A. Social Reflections on Fitness Tracking Data: A Study with Families in Low-SES Neighborhoods. In *CHI Conference on Human Factors in Computing Systems Proceedings* 2019;<https://doi.org/10.1145/3290605.3300543> †
  3. Cox C, Hoffman J, Shiyko M, Briesch A, **Castaneda-Sceppa C**. Factors Related to Head Start Teachers' Implementation of Physical Activity Programming. *NHSA Dialog* 2018;21(1):68-79.
  4. Cox C, Hoffman J, Shiyko M, Briesch A, **Castaneda-Sceppa C**. Physical Activity in Head Start Classrooms: How Teachers' Attitudes and Training Contribute to Program Usage. *NHSA Dialog* 2018;21(1):96-99.
  5. Matz-Costa C, Howard E, **Castaneda-Sceppa C**, Antonia Diaz-Valdes Iriarte, Lachman ME. Peer-based strategies to support physical activity interventions for older adults: A typology, conceptual framework, and practice guidelines. *The Gerontologist* 2018;X:1-10. <https://doi.org.ezproxy.neu.edu/10.1093/geront/gny092>.
  6. Lees K, Guthrie B, Henderson E, Jimison H, **Castaneda-Sceppa C**, Pavel M, Gordon C, Fulmer T. NUCare: Advancing Research on Technological Integration for Self-management in the Aging Population. *Nursing Outlook* 2018;66(2):121-129. <https://doi.org/10.1016/j.outlook.2017.10.008>
  7. Saksono H, **Castaneda-Sceppa C**, Hoffman J, Seif El-Nasr M, Morris V, Parker A. Family Health Promotion in Low-SES Neighborhoods: A Two-Month Study of Wearable Activity Tracking. *Human Factors in Computing Systems* 2018: <https://doi.org/10.1145/3173574.317388> †
  8. Lachman ME, Lipsitz L, Lubben J, **Carmen Castaneda-Sceppa**, Jette AM. When Adults Don't Exercise: Behavioral Strategies to Increase Physical Activity in Sedentary Middle-Aged and Older Adults. *Innovation in Aging* 2018;2(1):1-12. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6037047/>
  9. Todorova I, Turner H, **Castaneda-Sceppa C**, Young D, Bonner A. "I do it with love": Engagement in caring for people with dementia. *Global Qualitative Nursing Research*: 2016;3:1-14. †
  10. Shiyko MP, \*Hallinana S, Seif El-Nasr M, Durga S, **Castaneda-Sceppa C**. Effects of Playing a Serious Computer Game on Body Mass Index & Nutrition Knowledge in Women. *Journal of Medical Internet Research* 2016;4(1):e8.
  11. Seif El-Nasr M, Durga S, Shiyko M, **Castaneda-Sceppa C**. Data-Driven Retrospective Interviewing (DDRI): A Proposed Methodology for Formative Evaluation of Pervasive Games. *Entertainment Computing Journal* 2015;11:1-19.
  12. Hoffman J, Wirth C, \*Johnson S, Carter S, \*DuBois M, \*Cox C, **Castaneda-Sceppa C**. Communicating with Head Start Parents about their Child's Weight Status. *National Head Start Association Dialog*, 2015;18:31-42. †
  13. Hoffman J, Wirth C, \*Johnson S, Carter S, \*DuBois M, \*Cox C, **Castaneda-Sceppa C**. Engaging Head Start Families in Childhood Obesity Prevention: School-Home Communication about Children's Height and Weight Screenings. *National Head Start Association Dialog*, 2015;18:92-97. †
  14. \*Saksono H, \*Ranade A, \*Kamarthi G, **Castaneda-Sceppa C**, Hoffman J, Wirth C, Parker A. Spaceship Launch: Designing a Collaborative Exergame for Families. *Computer-Supported Cooperative Work and Social Computing* 2015:1776-1787. †
  15. \*Brooks N, \*Cadena SM, \*Cloutier G, \*Vega Lopez S, Roubenoff R, **Castaneda-Sceppa C**. Influence of Exercise on the Metabolic Profile Caused by 28 days of Bed Rest with Energy

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Deficit and Amino Acid Supplementation in Healthy Men. *International Journal of Medical Sciences* 2014;11(12):1248-1257. †

16. **Castaneda-Sceppa C**, Hoffman JA, \*Thomas J, \*DuBois M, \*Agrawal T, Griffin D, Bhaumik U, Healey CL, Dickerson D, Nethersole S, Wirth C. Family Gym: A Model to Promote Physical Activity for Families with Young Children. *Journal of Health Care for the Poor and Underserved* 2014;25(3):1101-1107. †
17. Smith SM, **Castaneda-Sceppa C**, O'Brien KO, Abrams SA, Gillman P, \*Brooks NE, Cloutier GJ, Heer M, Zwart SR, Wastney ME. Calcium Kinetics During Bed Rest with Artificial Gravity and Exercise Countermeasures. *Osteoporosis International* 2014;25:2237-2244. †
18. Todorova I, Tejada S, **Castaneda-Sceppa C**. "Let's Stretch Life a Bit": Perspectives of Puerto Rican Adults about Heart Health and a potential Community Program. *American Journal of Health Education* 2014;45(2):76-85. †
19. \*Van Rompay MI, McKeown NM, **Castaneda-Sceppa C**, Ordovas JM, Tucker KL. Carbohydrate nutrition differs by diabetes status and is associated with dyslipidemia in Boston Puerto Rican adults without diabetes. *Journal of Nutrition* 2013;143(2):182-8.
20. \*He J, Bhasin S, Binder EF, Yarasheski KE, **Castaneda-Sceppa C**, Schroeder ET, Roubenoff R, Chou C-P, Azen SP, Sattler FR. Cardiometabolic risks during anabolic hormone supplementation in older men. *Obesity* 2013;21(5):968-75. †
21. \*Van Rompay MI, McKeown NM, **Castaneda-Sceppa C**, Falcon, LM, Ordovas JM, Tucker KL. Acculturation and sociocultural influences on dietary intake and health status among Puerto Rican adults in Massachusetts. *Journal of the American Dietetic Association* 2012;112:64-74.
22. Hoffman J, Agrawal R, Wirth C, Watts C, \*Adeduntun G, \*Myles L, **Castaneda-Sceppa C**. Farm to Family: Increasing Access to Affordable Fruits and Vegetables among Head Start Families. *Journal of Hunger and Environmental Nutrition* 2012;7:165-177. †
23. Hoffman J, Agrawal T, Carter S, Grinder A, **Castaneda-Sceppa C**. Cultural/Favorite Recipe Day: Strengthening Approaches to Increase Culturally Diverse Foods Served in Head Start Meals. *NHSA Dialog* 2012;15(3):266–271. †
24. Hoffman JA, Agrawal T, Thompson D, Ferguson T, Grinder AM, Carter S, Healey C, Bhaumik U, **Castaneda-Sceppa C**. Increasing Culturally Diverse Foods in Head Start Meals Using a Collaborative Approach: Lessons Learned for School Food Service Modifications. *NHSA Dialog* 2012;15(3):246–259. †
25. Agrawal T, Hoffman J, Ahl M, Bhaumik U, Healey C, Carter S, Joyce D, Dickerson D, Nethersole S, **Castaneda-Sceppa C**. Collaborating for impact: Partnership and programming model of a multi-level early childhood obesity prevention initiative. *Journal of Family and Community Health* 2012;35(3):192–202. †
26. Schroeder ET, He J, Yarasheski KE, Binder EF, **Castaneda-Sceppa C**, Bhasin S, Dieli-Conwright C, Kawakubo M, Roubenoff R, Azen SP, Sattler FR. Value of measuring muscle performance to assess changes in lean mass with testosterone and growth hormone supplementation. *European Journal of Applied Physiology* 2012;112(3):1123–1131. †
27. Sattler FR, Bhasin S, He J, Yarasheski KE, Binder EF, Schroeder TE, **Castaneda-Sceppa C**, Kawakubo M, Roubenoff R, Dunn M, Hahn C, Stewart Y, Martinez C, Azen SP. Durability of the effects of testosterone and growth hormone supplementation in older community dwelling men: The HORMA Trial. *Clinical Endocrinology* 2011;75,103–111. †
28. Yarasheski KE, **Castaneda-Sceppa C**, He J, Kawakubo M, Bhasin S, Binder EF, Schroeder ET, Roubenoff R, Azen SP, Sattler FR. Whole body and muscle protein metabolism are not

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- affected by acute deviations from habitual protein intake in older men: The HORMA Study. *American Journal of Clinical Nutrition* 2011;94(1):172-181. †
29. Lincoln A, \*Shepherd A, Johnson PL, **Castaneda-Sceppa C**. Resistance training improves depression and health related quality of life among Hispanic older adults with type 2 diabetes. *Journal of Gerontology: Psychosocial Sciences* 2011;66B(5):567-570. †
  30. Smith TJ, Schwarz JM, Montain SJ, Rood J, Pikosky MA, **Castaneda-Sceppa C**, Glickman EL, Young AJ. High protein diet maintains glucose production during exercise-induced energy deficit: a controlled trial. *Journal of Nutrition and Metabolism* 2011;8:26.
  31. \*Van Rompay MI, **Castaneda-Sceppa C**, McKeown NM, Ordovas JM, Tucker KL. Prevalence of cardiovascular disease risk factors among older Puerto Rican adults living in Massachusetts. *Journal of Immigrant and Minority Health* 2011;13:825-33.
  32. Sattler FR, Bhasin S, He J, Choud C-P, **Castaneda-Sceppa C**, Yarasheski KE, Binder EF, Schroeder TE, Kawakubod M, Zhang A, Roubenoff R, Azen SP. Testosterone threshold levels and lean tissue mass targets needed to enhance skeletal muscle strength and function: The HORMA Trial. *Journal of Gerontology Medical Sciences* 2011;66A(1):122–129. †
  33. \*Brooks N, \*Cadena SM, Cloutier G, Carambula S, Myburgh KH, Roubenoff R, Vannier E, **Castaneda-Sceppa C**. Effects of 28 days of bed rest and 14 days of active recovery on human skeletal muscle gene expression. *Muscle and Nerve* 2010;42: 927–935. †
  34. **Castaneda-Sceppa C**, Castaneda F. Calcitriol mediates the activity of SGLT1 through an extranuclear initiated mechanism that involves intracellular signaling pathways. *Journal of Physiology and Biochemistry* 2010;66(2):105–115. †
  35. **Castaneda-Sceppa C**, Price LL, \*Noel SE, Bassett Midle J, Falcon LM, Tucker KL. Health status and physical function in aging Puerto Rican adults: The Boston Puerto Rican Health Study. *Journal of Aging and Health* 2010;22(5):653–672.
  36. \*Chen J, Godfrey S, Ng T, \*Moorthi R, \*Liangos O, Ruthazer R, Jaber B, Levey AS, **Castaneda-Sceppa C**. Effect of intra-dialytic, low-intensity strength training on functional capacity in adult hemodialysis patients: A randomized trial. *Nephrology Dialysis Transplantation* 2010;25(6):1936-1943. †
  37. Dawson-Hughes B, **Castaneda-Sceppa C**, Harris SS, Palermo NJ, Cloutier G, Ceglia L, Dallal GE. Impact of supplementation with bicarbonate on lower-extremity muscle performance in older men and women. *Osteoporosis International* 2010;21(7):1171-1179.
  38. Balakrishnan VS, Rao M, Menon V, \*Gordon PL, Pilichowska M, Castaneda F, **Castaneda-Sceppa C**. Resistance Training Increases Skeletal Muscle Mitochondrial Biogenesis in Patients with Chronic Kidney Disease. *Clinical Journal of the American Society of Nephrology* 2010;5(6):996-1002. †
  39. **Castaneda-Sceppa C**, \*Subramanian S, Castaneda F. Protein Kinase C mediated intracellular signaling pathways are involved in the regulation of sodium-dependent glucose co-transporter SGLT1 activity. *Journal of Cellular Biochemistry* 2010;109(6):1109-1117. †
  40. Smith TJ, Pikosky MA, Grediagin A, **Castaneda-Sceppa C**, Byerley L, Glickman EL, Young AJ. Aerobic fitness does not modulate protein metabolism in response to increased exercise: a controlled trial. *Nutrition and Metabolism* 2009;6:28.
  41. \*Layne JE, Arabelovic S, Wilson LB, Cloutier GJ, \*Pindrus, MA, Mallio CJ, Roubenoff R, **Castaneda-Sceppa C**. Community-based strength training improves physical function in older women with osteoarthritis. *Journal of Lifestyle Medicine* 2009;3(6):466-473. †
  42. Bhasin S, He J, Kawakubo M, Schroeder T, Yarasheski K, Opiteck GJ, Reicin A, Chen F, Lam R, Tsou JA, **Castaneda-Sceppa C**, Binder EF, Azen SP, Sattler FR. N-Terminal Propeptide of type III Procollagen (P3NP) as a biomarker of anabolic response to

- 
- recombinant human growth hormone and testosterone. *Journal of Clinical Endocrinology and Metabolism* 2009;94:4224-4233.
43. Chung H, Ferreira A-L, Epstein S, Paiva S, **Castaneda-Sceppa C**, Johnson EJ. Site-Specific Concentrations of Carotenoids in Adipose: Relationships with dietary and serum carotenoid concentrations in healthy adults. *American Journal of Clinical Nutrition* 2009;90(3):533-539.
  44. Sattler FR, **Castaneda-Sceppa C**, Binder EF, Schroeder TE, Wang Y, Bhasin S, Kawakubo M, Stewart Y, Yarasheski KE, Ulloor J, Colletti P, Roubenoff R, Azen SP. Testosterone and growth hormone improve body composition and muscle performance in older men. *Journal of Clinical Endocrinology and Metabolism* 2009;94(6):1991-2001. †
  45. Dawson-Hughes B, Harris SS, Palermo N, **Castaneda-Sceppa C**, Rasmussen HM, Dallal GE. Treatment with potassium bicarbonate lowers calcium excretion and bone resorption in older men and women. *Journal of Clinical Endocrinology and Metabolism* 2009;94:96-102.
  46. **Castaneda-Sceppa C**, Bermudez OI, Wanke C, Forrester JE. Predictors of insulin resistance among Hispanic adults infected with or at risk of infection with the human immunodeficiency virus and hepatitis C virus. *Journal of Viral Hepatology* 2008;15:878-887.
  47. \*Layne JE, \*Sampson SE, Mallio CJ, Hibberd PL, Griffith JL, Das SK, Flanagan, WJ, **Castaneda-Sceppa C**. Successful dissemination of a community-based strength training program for older adults by peer and professional leaders. *Journal of the American Geriatrics Society* 2008;56:2323-2329. †
  48. Pikosky MA, Smith TJ, Grediagin A, **Castaneda-Sceppa C**, Byerley L, Glickman EL, Young AJ. Increased protein maintains nitrogen balance during exercise-induced energy deficit. *Medicine and Science in Sports and Exercise* 2008;40(3):505-512.
  49. \*Chen JT, Lerner D, Ruthazer R, **Castaneda-Sceppa C**, Levey AS. Association of physical activity with mortality in chronic kidney disease. *Journal of Nephrology* 2008;21:243-252.
  50. \*Brooks N, Cloutier GC, \*Cadena SM, \*Layne JE, Nelsen CA, Freed AM, Roubenoff R, **Castaneda-Sceppa C**. Resistance training and timed essential amino acids protect against the loss of muscle mass and strength during 28 days of bed rest and energy deficit. *Journal of Applied Physiology* 2008;105(1):241-248. †
  51. \*Schroeder ET, **Castaneda-Sceppa C**, Wang Y, Binder E, Kawakubo M, Stewart Y, Storer T, Roubenoff R, Bhasin S, Yarasheski KE, Sattler FR, Azen SP. Hormonal Regulators of Muscle and Metabolism in Aging (HORMA): design and conduct of a complex, double masked multicenter trial. *Clinical Trials* 2007;4(5):560-571. †
  52. **Castaneda-Sceppa C**, Sarnak MJ, Wang X, Greene T, Madero M, Kusek JW, Beck G, Collins AJ, Kopple JD, Levey A, Manon V. Role of the adipose tissue in determining muscle mass in patients with chronic kidney disease. *Journal of Renal Nutrition* 2007;17(5):314-322.
  53. \*Madero M, Sarnak MJ, Wang X, **Castaneda-Sceppa C**, Greene T, Beck GJ, Kusek JW, Collins AJ, Levey AS, Menon V. Body mass index and mortality in chronic kidney disease. *American Journal of Kidney Disease* 2007;50(3):404-411.
  54. \*Schroeder ET, Wang Y, **Castaneda-Sceppa C**, Cloutier G, \*Vallejo AF, Kawakubo M, Jency NE, Coomber S, Azen SP, Sattler FR. Reliability of maximal voluntary muscle strength and power testing in older men. *Journal of Gerontology* 2007;62(5):543-549.
  55. \*Brooks N, \*Layne JE, \*Gordon PL, Roubenoff R, Nelson ME, **Castaneda-Sceppa C**. Strength training improves muscle quality and insulin sensitivity in Hispanic older adults with type 2 diabetes. *International Journal of Medical Sciences* 2006;4(1):19-27. †
  56. \*Gordon PL, Vannier E, Hamada K, Witsell A, \*Layne JE, Hurley BF, Roubenoff R, **Castaneda C**. Effects of resistance training on cytokine gene expression in skeletal muscle of older adults with type 2 diabetes. *International Journal of Immunopathology & Pharmacology* 2006;19(4):487-497. †
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57. Castaneda F, \*Layne JE, **Castaneda C**. Skeletal muscle sodium glucose co-transporters in older adults with type 2 diabetes undergoing resistance training. *International Journal of Medical Sciences* 2006;3(3):84-91. †
  58. **Castaneda C**, \*Janssen I. Ethnic comparisons of low skeletal muscle mass and obesity in diabetes. *Ethnicity and Disease* 2005;15(4):664-670.
  59. **Castaneda C**, \*Gordon PL, Parker R, Uhlin KL, Roubenoff R, Levey AS. Resistance Training to reduce the malnutrition-inflammation complex syndrome of chronic kidney disease. *American Journal of Kidney Disease* 2004; 43(4):607-616. †
  60. Nelson ME, \*Layne J, \*Bernstein M, Nuernberger A, **Castaneda C**, \*Kaliton D, Hausdorff J, Judge J, Buchner DM, Roubenoff R, Fiatarone Singh MA. The effects of multi-dimensional home based exercise on functional performance in the elderly. *Journal of Gerontology* 2004;59A(2):154-160.
  61. **Castaneda C**, \*Layne J, Munoz-Orians L,\*Gordon PL, \*Walsmith J, Foldvari M, Roubenoff R, Tucker KL, Nelson M. A randomized control trial of progressive resistance exercise training in older adults with type 2 diabetes. *Diabetes Care* 2002;25(12):2335-2341. †
  62. \*Bernstein MA, Nelson ME, Tucker KL, \*Layne J, Johnson E, Neurenberger A, **Castaneda C**, Judge JO, Buchner D, Fiatarone Singh MA. Home-based nutrition intervention to increase consumption of fruits, vegetables and calcium-rich foods in community dwelling elders. *Journal of the American Dietetic Association* 2002;102:1421-1427.
  63. \*Bathalon GP, \*Hays NP, McCrory MA, \*Vinken AG, Tucker KL, Greenberg, AS, **Castaneda C**, Roberts S. The energy expenditure of postmenopausal women classified as restrained or unrestrained eaters. *European Journal of Clinical Nutrition* 2001;55:1059-1067.
  64. **Castaneda C**, \*Gordon PL, Uhlin KL, Levey AS, Kehayias JJ, Dwyer JT, Roubenoff R, Fielding RA, Fiatarone Singh, MA. Resistance training to counteract the catabolism of a low protein diet in patients with chronic renal insufficiency. A randomized, controlled trail. *Annals of Internal Medicine* 2001;135 (11);965-976. †
  65. **Castaneda C**, Bermudez OI, Tucker KL. Protein nutritional status and function are associated with type 2 diabetes in Hispanic elders. *American Journal of Clinical Nutrition* 2000;72:89-95.
  66. Tucker KL, Bermudez O, **Castaneda, C**. Type 2 diabetes is prevalent and poorly controlled among Caribbean origin Hispanic elders. *American Journal of Public Health* 2000;90:1288-1293.
  67. **Castaneda C**, \*Gordon PL, Fielding RA, Evans WJ, Crim MC. Marginal protein intake results in reduced plasma IGF-I levels and skeletal muscle fiber atrophy in elderly women. *Journal of Nutrition Health and Aging* 2000;4(2):85-90. †
  68. Foldvari M, Clark M, Laviolette LC, \*Bernstein MA, \*Kaliton D, **Castaneda C**, \*Pu CT, Hausdorff JM, Fielding RA, Fiatarone Singh MA. Association of muscle power with functional status in community-dwelling elderly women. *Journal of Gerontology* 2000;55A(4):M192-M199.
  69. Johnson, EJ, Hammond BR, Yeum K-J, Qin J, Wang XD, **Castaneda C**, Snodderly M, Russell, RM. Relation among serum and tissue concentrations of lutein and zeaxanthin and macular pigment density. *American Journal of Clinical Nutrition* 2000;71:1555-1562.
  70. King JE, Mazariegos M, Valdez C, **Castaneda C**, Solomons NW. Nutritional status indicators and their interactions among rural Guatemalan elderly. An ecological study in San Pedro Ayampuc. *American Journal of Clinical Nutrition* 1997;66:795-802. †
  71. Prior RL, Crim MC, **Castaneda C**, Lammi-Keefe C, Dawson-Hughes B, Rosen CJ, Spindler AA. Conditions altering plasma concentrations of urea cycle and other amino acids in elderly subjects. *Journal of the American College of Nutrition* 1996;15(3):237-247.

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72. **Castaneda C**, Charnley JM, Evans WJ, Crim MC. Elderly women accommodate to a low protein diet with losses of body composition, muscle function, and immune response. *American Journal of Clinical Nutrition* 1995;62:30-39. †
  73. **Castaneda C**, Dolnikowski GG, Dallal GE, Evans WJ, Crim MC. Protein turnover and energy metabolism of elderly women chronically fed a low protein diet. *American Journal of Clinical Nutrition* 1995;62:40-48. †
  74. Boisvert WA, **Castaneda C**, Mendoza I, Langeloh G, Solomons NW, Gershoff SN, Russell RM. Prevalence of riboflavin deficiency among Guatemalan elderly people and its relationship to milk intake. *American Journal of Clinical Nutrition* 1993;58:85-90. †
  75. Boisvert WA, Mendoza I, **Castaneda C**, Portocarrero L, Solomons NW, Gershoff SN, Russell RM. Riboflavin requirement of healthy elderly humans and its relationship to macronutrient composition of the diet. *Journal of Nutrition* 1993;123:915-925. †
  76. Bulux J, Carranza E, **Castaneda C**, Solomons NW, Sokoll LJ, Morrow FD, Russell RM. Studies on the application of the relative-dose-response (RDR) test for assessing vitamin A status in older adults. *American Journal of Clinical Nutrition* 1992;56:543-7.

### **Refereed Position Statements, Technical Reports, Reviews, and Editorials**

(\* indicates student/fellow author; † indicates lead/senior role in primary data collection)

1. Hoffman JA, **Castaneda-Sceppa C**, Schmidt E, Wirth C, Agrawal T, & Sullivan A. Healthy Kids, Healthy Futures Family Gym Manual. 2017 Northeastern University. †
2. **Castaneda-Sceppa C**, Castaneda F. Sodium-dependent glucose transporter protein as a potential therapeutic target for improving glycemic control in diabetes. *Nutrition Reviews* 2011;69(12):720–729. †
3. Michael W. Rich MW, Mensah GA, and the PRICE-V Investigators. Fifth Pivotal Research in Cardiology in the Elderly (PRICE-V) Symposium: Preventive Cardiology in the Elderly—Executive Summary. Part II: Afternoon Session. *Geriatric Cardiology* 2010: doi: 10.1111/j.1751-7141.2009.00047.x.
4. \*Sawyer K, **Castaneda-Sceppa C**. Impact of physical activity on cardiovascular and non-cardiovascular outcomes: Is anyone ever too old to exercise? *Aging Health* 2010;6:251-260.
5. **Castaneda-Sceppa**. Amino acids, in nutrition and metabolism. *Encyclopedia of Lifestyle Medicine and Health*. 2010.
6. Nelson ME, Rejeski WJ, Blair SN, Duncan PW, Judge JO, King AC, Macera CA, **Castaneda-Sceppa C**. Physical activity and public health in older adults: Recommendation from American College of Sports Medicine and the American Heart Association. *Circulation* 2007;116(9):1094-1105.
7. Nelson ME, Rejeski WJ, Blair SN, Duncan PW, Judge JO, King AC, Macera CA, **Castaneda-Sceppa C**. Physical activity and public health in older adults: Recommendation from American College of Sports Medicine and the American Heart Association. *Medicine and Science in Sports and Exercise* 2007;39(8):1435–1445.
8. Sigal RJ, Kenny GP, Wasserman DH, **Castaneda-Sceppa C**, White RD. Physical Activity/Exercise and Type 2 Diabetes: A consensus statement from the American Diabetes Association. *Diabetes Care* 2006;29(6):1433-1438.
9. Sigal RJ, Kenny GP, Wasserman DH, **Castaneda-Sceppa C**. Physical Activity/exercise and type 2 diabetes: Technical review. *Diabetes Care* 2004;27(10):2518-2539. †
10. **Castaneda C**. Muscle wasting and protein metabolism. *Journal of Animal Science* 2002;80 (Suppl 2):E98-105.

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11. Roubenoff R, **Castaneda C**. Editorial. Understanding the dynamics of aging muscle. *Journal of the American Medical Association* 2001;286(10):1230-1231.
  12. Beaufrère B, **Castaneda C**, de Groot L, Kurpad A, Roberts S, Tessari P. Report of the IDECG working group on energy and macronutrient metabolism and requirements of the elderly. *European Journal of Clinical Nutrition* 2000;54(Suppl 3):S162-S163.
  13. **Castaneda C**, \*Grossi L, Dwyer JT. Potential benefits of resistance exercise training on nutritional status in renal failure. A Review. *Journal of Renal Nutrition* 1998;8(1):2-10. †

### **Non-Referred Abstracts and Reviews**

(\* indicates student/fellow author; † indicates lead/senior role in primary data collection)

1. \*Levy S, Cloutier G, Castaneda-Sceppa C. High Body Fat Percentages in Female Freshmen Participants in NUwell Program. *Northeastern University Research, Innovation, and Scholarship Expo (RISE)*, April 2018.
2. \*Ashwini R, \*Saksono H, Parker A, Hoffman J, \*Kamarthi G, Wirth C, **Castaneda-Sceppa C**. Spaceship Launch: A Community-Driven technology intervention promoting physical activity in a low-income, minority neighborhood. *Northeastern University Research Expo*, Boston, MA, April 2014.
3. \*Kenny H, \*Smileye J, \*DuBois M, \*Thomas J, \*Larracunte M, Agrawal T, Hoffman J, **Sceppa C**. Healthy Kids, Healthy Futures: A multilevel approach to prevent obesity. *Northeastern University Research Expo*, Boston, MA, March 2010.
4. \*Layne JE, \*Sampson S, \*Thomas J, \*Milton H, Mallio CJ, **Sceppa C**. The People Exercising Program, dissemination of a community-based group exercise program for older adults through exercise leadership training and certification. *Northeastern University Research Expo*, Boston, MA, March 2009. †
5. **Castaneda C**. Diabetes control with physical activity and exercise. *Nutrition in Clinical Care* 2003;6(2):89-97. †
6. **Castaneda C**. In the Literature: A nurse-delivered home exercise program for elderly individuals prevented falls but was costly. *Nutrition in Clinical Care* 2001;4(5):269-270.
7. **Castaneda C**. Protein restriction in renal disease. *Nutrition in Clinical Care* 2001;4(2): 103-112.
8. **Castaneda C**. Type 2 Diabetes mellitus and exercise. *Nutrition in Clinical Care* 2001;3(6): 349-358.
9. **Castaneda C**. In the Literature: Physical activity associated with decreased mortality in middle-aged diabetics. *Nutrition in Clinical Care* 2000;3(5):263-264.
10. **Castaneda C**. High risks of mortality, morbidity in Hispanic than in non-Hispanic elders with diabetes. *BioMedicina* 2000;3(8):360.
11. **Castaneda C**, Bermudez OI. The diabetes epidemic in the Americas: greater risks for older persons. *SCN-UN News* 1999;19:41-44.
12. **Castaneda C**. In the Literature: A guide to evidence-based nutrition practice. More evidence for reducing saturated fat in diabetics. *Nutrition in Clinical Care* 1998;1(2):85-86.
13. **Castaneda C**. Rehabilitation and nutrition status in renal patients. *Dialysis and Nephrology* 1997; 18(8):18-22.

### **Book Chapters**

1. Annis S, Safdar A, Biala E, Saleem A, Li H, Gandhi P, Fleischmann Z, **Castaneda-Sceppa C**, Tilly JL, Woods DC, Khrapko K. Friend or Foe: Can Mitochondrial Toxins Lead to

---

Similar Benefits as Exercise? In: Mitochondrial Dysfunction by Drug and Environmental Toxicants. Published 2018 by John Wiley & Sons, Inc.

2. Kraytsberg Y, Guo X, Tao S, Kuznetsov A, Ehrlich D, Feldman E, Dombrovsky I, Yang D, Cloutier GJ, **Castaneda-Sceppa C**, K Khrapko. Quantitation of somatic mtDNA deletions via restriction digestion/single molecule PCR. In: *Methods in Molecular Biology*, Published 2015 by Springer, Berlin, Germany.
3. Durga S, Seif El-Nasr M, Shiyko M, **Sceppa C**, Naab P, Andres L. Leveraging Play to Promote Health Behavior Change — A Player Acceptance Study of a Health Game. In: *Virtual and Augmented Reality in Healthcare*. 2013.
4. General Nutrition: Protein Needs. In Maria A. Fiatarone-Singh (ed.) *Exercise, Nutrition and the Older Woman. Wellness for Women over Forty*. CRC Press, Boca Raton, FL. 2000.

### **Refereed Abstracts**

(\* indicates student/fellow author; † indicates lead/senior role in primary data collection)

1. Cloutier G, Mara J, **Castaneda-Sceppa C**. Relationship between body fat composition and body mass index with fitness status of first year college students. *Nutrition Week, American Society for Nutrition: Nutrition Week, Boston 2018*. †
2. Rickles NM, **Castaneda-Sceppa C**, Fitzpatrick D, Cloutier G, Ho A, Moutinho M, Patel S. A pilot study: a community pharmacy exercise and health promotion program. *American Pharmacists Association Annual Meeting: March 2017*. †
3. Filanowski P, Milliken L, Iannotti RJ, Crouter SE, Vermeulen A, Schmidt EL, Hoffman JA, **Castaneda-Sceppa C**. Physical Activity or Parents and Children Playing Together and the Effects of Varying Structured Activity. *Medicine & Science in Sports & Exercise* 2017;49(5S):225. †
4. **Castaneda-Sceppa C**, Cloutier G, Sands M, Karliyil K, Strode S, Isaacowitz D, John D. Effects of Improved Physical Function on Emotion Regulation Strategies and Daily Physical Activity. *The Gerontologist* 2016;56(Suppl 3), <https://doi.org/10.1093/geront/gnw162.1313>. Strategies to increase physical activity: Boston Roybal Center for Active Lifestyle Interventions.
5. Schmidt EM, Hoffman J, Martin J, Cammarata A, Filanowski P, Ionatti R, Milliken L, Miller E, **Castaneda-Sceppa C**. Parent and Child Physical Activity Levels at Family Gym. *National Association of School Psychologists Annual Meeting 2015*: presented.
6. Bonner, A, Todorova I, **Castaneda-Sceppa C**, Young D, Jamal-Allial A, Turner H. Improving Outcomes in People with Dementia: Vital Outcomes Inspire Caregiver Empowerment (VOICE). *J Gerontol* 2015: presented. †
7. Todorova I, Young D, Bonner A, Jamal-Allial A, **Castaneda-Sceppa C**, Turner H. Keeping people at home: Experiences of staff providing support for individuals with dementia and their caregivers in the VOICE project. *44th Annual Scientific and Educational Meeting Canadian Association on Gerontology*, 2015: #0435-1.
8. Todorova I, Young D, Bonner A, **Castaneda-Sceppa C**, Turner H. “I do it with love”: Experiences of caregivers for people with dementia in the VOICE project. *44th Annual Scientific and Educational Meeting Canadian Association on Gerontology*, 2015: #0435-2.
9. \*Hallinan S, Shiyko M, Seif El-Nasr M, Durga S, **Castaneda-Sceppa C**. Impact of a Weight-Loss Computer Game on Behavioral and Psychological Outcomes. *American Psychological Society*, 2015: presented.

- 
10. \*Schmidt EM, Hoffman J, \*Martin J, \*Cammarata A, \*Filanowski P, Iannotti R, Milliken L, Miller E, **Castaneda-Sceppa C**. Parent and Child Physical Activity Levels at Family Gym. *Massachusetts School Psychologists Association Spring Conference 2015*: presented.
  11. Cloutier G, \*Morton A, \*Arguello D, \*Pierson M, **Castaneda-Sceppa C**. Effects of a 12-week health and fitness program on the health status of university police officers. *FASEB Journal* 2015;29:588.2. †
  12. \*Ashwini R, \*Saksono H, Parker A, Hoffman J, \*Kamarthi G, Wirth C, **Carmen Castaneda-Sceppa**. Spaceship Launch: A Community-driven technology intervention promoting physical activity in a low-income, minority neighborhood. *American Public Health Association Annual Meeting 2014*: Presented. *Selected for the APHA's Physical Activity Section Student Poster Presentation Award*.
  13. \*Jiaxiu He J, Yarasheski K, Bhasin S, **Castaneda-Sceppa C**, Binder T, Schroeder T, Azen S, Sattler F. Effects of Acute Androgen Deprivation on Skeletal Muscle Protein Synthesis and Breakdown. *American Endocrinology Society Annual Meeting*. 2014:15266. †
  14. \*Cloutier G, Kraytsberg Y, Khrapko K, \*Brooks N, Safdar A, Roubenoff R, **Castaneda-Sceppa C**. Bedrest Increases Burden of Mitochondrial DNA Deletions in Human Muscle. *FASEB Journal* 2014;27:956.1. †
  15. \*Cloutier G, Forman D, Lindegger N, Roubenoff R, **Castaneda-Sceppa C**. Effects of a Short-term Heavy Resistance Training in Young and Older Adults for Strength and Body Composition. *FASEB Journal* 2014;27:1028.1. †
  16. Shiyko M, Seif El-Nasr M, **Castaneda-Sceppa C**, \*Durga S, \*Naab P. Using social gaming environment to promote healthy eating and exercising. *Society of Ambulatory Assessment* 2013: Presented.
  17. \*Durga S, El-Nasr M, Shiyko M, **Castaneda-Sceppa C**. Leveraging social play in health-based games to promote sustained behavior change in healthy eating and exercise. *Digital Games Research Association (DiGRA)* 2013: Presented. †
  18. Hoffman J, Wirth C, Brooks B, Daminger A, Carter S, **Castaneda-Sceppa C**. Farm to Family: Connecting Food, Community, and Family Systems to Promote Fruit and Vegetable Consumption. *American Public Health Association Annual Meeting 2013*: Presented. †
  19. \*Agrawal T, Devine C, Hoffman J, Wirth C, **Castaneda-Sceppa C**. Understanding low-income parents' decisions to participate in a subsidized fruit and vegetable buying program in four urban childcare centers. *FASEB Journal* 2013;27:36.1.
  20. \*DuBois M, Hoffman J, Carter S, \*Bottino C, Nethersole S, \*Cox C, **Castaneda-Sceppa C**, Wirth C. Improving Head Start's system of communicating children's weight status and BMI scores to caregivers. *FASEB Journal* 2013;27:37.8.
  21. \*Brooks N, \*Cadena SM, Cloutier G, \*Vega-Lopez S, Roubenoff R, **Castaneda-Sceppa C**. Influence of exercise during 28 days of bed rest with energy deficit and amino acid supplementation on metabolic profile. *FASEB Journal* 2013;27:712.6. †
  22. Smith S, **Castaneda-Sceppa C**, O'Brien K, Abrams SA, Gillman P, Zwart SR, Wastney ME. Calcium kinetics during bed rest with artificial gravity and exercise countermeasures. *FASEB Journal* 2013;27:233.6. †
  23. Wirth C, Hoffman J, **Castaneda-Sceppa C**, Carter S. Farm to Family: An Innovative Subsidized Farm Share Program for Head Start Families. *2012 Summit on the Science of Eliminating Health Disparities, National Institute of Minority Health and Health Disparities*. National Harbor, MD. Presented December 18, 2012.
  24. Wirth C, Hoffman J, \*Adeduntan G, **Castaneda-Sceppa C**, Brooks B, Carter S. Farm to Family: Providing Access to Subsidized CSA Shares in a Head Start Setting. 6th National Farm to Cafeteria Conference, Burlington, VT. Presented August 2-5, 2012.

- 
25. \*Agrawal T, Myles L, Hoffman J, Healey C, Watts C, Carter S, Bhaumik U, **Castaneda-Sceppa C**. Farm to School to Family: A partnership among local institutions to develop a fruit and vegetable buying program for families with preschool children. Joint 2012 Annual Meetings & Conference of the Agriculture, Food, and Human Values Society (AFHVS), Association for the Study of Food and Society (ASFS), & Society for Anthropology of Food and Nutrition (SAFN), New York, NY. Presented June 20-24, 2012.
  26. Hoffman J, \*Ferguson T, \*Agrawal T, Thompson D, Grinder A, Carter S, Healey C, Bhaumik U, **Castaneda-Sceppa C**. Increasing Culturally Diverse Foods in Head Start Using a Collaborative Approach. Head Start's 11th National Research Conference, Washington DC. Presented June 18-20, 2012.
  27. Todorova I, Tejada S, **Castaneda-Sceppa C**. Let's Stretch Life a Bit": Perspectives of Puerto Rican Adults about a Community Based Intervention. *Eighth International Congress of Qualitative Inquiry*. Chicago, IL. Presented June, 2012. †
  28. **Castaneda-Sceppa C**, Lyn Price L, Falcon L, Tucker KL. Incidence of Physical Impairment and Disability in Puerto Rican Adults: The Boston Puerto Rican Health Study. *FASEB Journal* 2012;26:367.4.
  29. \*Moorthi RN, Moe SM, \*Chen J, Levey AS, **Castaneda-Sceppa C**. Mineral metabolism and physical function in patients undergoing hemodialysis. *Journal of the American Society of Nephrology* 2011;22:FR-PO1358. †
  30. Ojo T, Jain P, **Castaneda Sceppa C**, Balakrishnan VS, Rao M. Risk factors for vitamin D deficiency post-transplant and role in PTH regulation. *Journal of the American Society of Nephrology* 2011;22:FR-PO1373.
  31. Castaneda-Sceppa C, Castaneda F, Rao M. Role of vitamin D status on strength training mediated effects on skeletal muscle health with CKD. *Gerontologist* 2011;51. †
  32. Agrawal T, Hoffman J, Bhaumik U, Healey C, Carter S, Joyce D, Dickerson D, Nethersole S, **Castaneda-Sceppa C**. Collaborating for Impact: The Partnership Model of A Multi-level Childhood Obesity Prevention Initiative. *American Public Health Association Annual Meeting* 2011. Washington DC. Abstract # 240313. †
  33. \*Jiaxiu He J, Bhasin S, Binder E, **Castaneda-Sceppa C**, Yarasheski K, Schroeder T, Azen S, Ronenn Roubenoff R, Sattler F. Effects of Testosterone and rhGH on Metabolic Syndrome Components in Older Men: the HORMA Study. *Endocrine Society Annual Meeting* 2011.
  34. **Castaneda-Sceppa C**, Bhaumik U, Agrawal T, Carter S, Ahl M, Healey C, Nethersole S, Hoffman J. Using a Walk challenge to promote physical activity among preschool staff and parents/caregivers. *Medicine and Science in Sports and Exercise* 2011;43:(5Suppl):S634. †
  35. **Castaneda-Sceppa C**, Castaneda F. Resistance training modulates the expression of genes involved in glucose transport and oxidative reactions in skeletal muscle in type 2 diabetes *FASEB Journal* 2011;25:1105.19. †
  36. \*VanRompay M, **Castaneda-Sceppa C**, McKeown1 NM, Ordovas JM, Tucker KL. Carbohydrate intake, lipids, and diabetes in the Boston Puerto Rican Health Study. *FASEB Journal* 2011;25:227.3.
  37. \*DuBois M, \*Bell D, Hoffman J, Agrawal T, \*Larracuenta M, Nethersole S, **Castaneda-Sceppa C**. Recruiting and Retaining Families in a Physical Activity Promotion Program. *National Association of School Psychologists Annual Meeting*, San Francisco, CA, Presented February 22-26, 2011. †
  38. Nethersole S, Healey C, Agrawal T, Dickerson D, Bhaumik U. Healthy Kids, Healthy Futures: An Innovative, Community-Based Initiative to Prevent Childhood Obesity. *National Initiative for Children's Healthcare Quality Annual Meeting*, GA. May 2010.

- 
39. \*Thomas J, Hoffman J, \*DuBois M, Agrawal T, Healy C, Nethersole S, **Castaneda Sceppa, C.** Healthy Kids, Healthy Futures Saturday Open Gym Physical Activity Promotion: Pilot Study. *American Public Health Association Annual Meeting*, 2010: Denver, CO. Abstract #222032. †
  40. Hoffman J, Agrawal T, Ahl M, Bhaumik U, Carter S, Cunningham K, Healey C, Nethersole S, **Castaneda-Sceppa C.** Healthy Kids Healthy Futures: A Multilevel Approach to Prevent Childhood Obesity. *American Psychological Association Annual Meeting*, San Diego, CA, Presented August 12-15, 2010.
  41. Sattler FR, Bhasin S, He J, Yarasheski KE, **Castaneda-Sceppa C**, Schroeder TE, Binder EF, Kawakubo M, Dunn M, Martinez C, Hahn C, Stewart Y, Roubenoff R, Azen SP. Durability of the effects of testosterone and growth hormone supplementation in older community dwelling men: The HORMA Trial. *Endocrine Society Annual Meeting*, San Diego, CA, June 19 -22, 2010. Poster # P2-453. †
  42. Erceg DN, Anderson LJ, Kawakubo M, He J, Schroeder ET, **on behalf of the HORMA research team.** The effects of testosterone and growth hormone administration on spine bone mineral density in older men. *Endocrine Society Annual Meeting*, San Diego, CA, June 19 -22, 2010. Poster # P3-173.
  43. Anderson LJ, Erceg DN, Kawakubo M, He J, Schroeder ET, **on behalf of the HORMA research team.** Change in hip bone mineral density with testosterone and growth hormone administration in older men. *Endocrine Society Annual Meeting*, San Diego, CA, June 19 - 22, 2010. Poster # P3-174.
  44. **Castaneda-Sceppa C**, Yarasheski KE, He J, Martinez C, Binder E, Bhasin S, Wang Y, Azen SP, Sattler FR. Effect of dietary protein manipulation on measures of protein kinetics in elderly men: The Hormonal Regulators of Muscle and Metabolism in Aging (HORMA) Study. *FASEB Journal* 2010;24:740.23. †
  45. **Castaneda-Sceppa C**, \*Noel SE, \*Van Rompey M, Falcon LM, Tucker KL. Factors associated with poor lower extremity function in Puerto Rican adults. *Gerontologist* 2009;49:1040.
  46. Sattler F, Bhasin S, Schroeder ET, Kawakubo M, **Castaneda-Sceppa C**, Binder E, Wang Y, Yarasheski K, Azen S. Improvements in body composition are related to changes in serum hormones during therapy with topical testosterone and rhGH in older men. *Endocrine Society Annual Meeting* 2009. Poster P2-189. †
  47. Schroeder ET, Yarasheski K, **Castaneda-Sceppa C**, Binder E, Wang Y, Bhasin S, Kawakubo M, Azen S, Sattler F. Eight week change in muscle mass and strength with testosterone and growth hormone administration in older men: The HORMA Study. *Endocrine Society Annual Meeting* 2009. Poster P1-153. †
  48. \*VanRompay MI, **Castaneda-Sceppa C**, McKeown NM, Ordovas JM, Tucker KL. Insulin resistance, impaired fasting glucose, and type 2 diabetes in Boston Puerto Rican adults. *FASEB Journal* 2009;23:547.13.
  49. Balakrishnan VS, Menon V, Pilichowska M, Li L, Rao M, **Castaneda-Sceppa C.** Resistance training increases skeletal muscle mitochondrial biogenesis among patients with chronic kidney disease. *Journal of the American Society of Nephrology* 2008;19:SA-PO2807. †
  50. \*Brooks N, \*Cadena SM, Myburgh KH, Roubenoff R, **Castaneda-Sceppa C.** Pax7, a marker of satellite cells activity, was not changed after 28 days of bed rest. *Medicine and Science in Sports and Exercise* 2008;40:(5 Suppl):S32. †
  51. \*Chen J, Coomber S, Ng L, MacKinnon R, \*Moorthi R, \*Liangos O, Jaber B, Meyer K, Levey AS, **Castaneda-Sceppa C.** Effect of intradialytic low-intensity resistance exercise

- 
- training on functional capacity, strength and quality of life in functionally impaired ESRD Patients. *Journal of Renal Nutrition* 2008;18(3):S19. †
52. Erceg DN, Schroeder ET, Kawakubo M, **Castaneda-Sceppa C**, Binder EF, Yarasheski KE, Bhasin S, Sattler FR, Azen SP. The effects of IGF-1 on aerobic muscle endurance in older hypsomatotropic men. *Medicine and Science in Sports and Exercise* 2008;40:S470.
  53. Dieli-Conwright CM, Schroeder ET, Wang Y, Binder EF, **Castaneda-Sceppa C**, Yarasheski KE, Bhasin S, Azen SP, Sattler FR. Muscle quality following testosterone and/or growth hormone administration in older men. *Medicine and Science in Sports and Exercise* 2008;40: (5 Suppl):S469.
  54. Schroeder ET, **Castaneda-Sceppa C**, Binder E, Wang Y, M Kawakubo M, Yarasheski K, Bhasin S, Azen S, Sattler F. Hormonal Regulators of Muscle and Metabolism in Aging (HORMA) study: body composition and performance outcomes. *FASEB Journal* 2008;22(6): 1188.4
  55. Smith TJ, Pikosky MA, Schwartz JM, Rood J, **Castaneda-Sceppa C**, Glickman EL. A high protein diet maintains glucose production and enhances gluconeogenesis during exercise induced energy deficit. *FASEB Journal* 2008;22(6):1088.1
  56. Tucker KL, Bassett-Middle J, **Castaneda-Sceppa C**, Falcon LM. Allostatic load; definition and relation to disability in Hispanic elders. *Gerontologist* 2007;47:676.
  57. Pikosky MA, Smith TJ, Byerley L, Grediagin A, **Castaneda-Sceppa C**, Karl JP, Caruso C, McClung HL, Glickman EL, Young AJ. Dietary protein does not impact whole body protein turnover during an exercise induced energy deficit. *Medicine and Science in Sports and Exercise* 2007;39:(5 Suppl):S83.
  58. Smith TJ, Pikosky MA, Byerley L, Grediagin A, **Castaneda-Sceppa C**, Karl JP, Caruso C, McClung HL, Glickman EL, Young AJ. Aerobic fitness level does not modulate changes in whole-body protein turnover produced by unaccustomed increases in energy expenditure. *Medicine and Science in Sports and Exercise* 2007;39:(5 Suppl):S83.
  59. **Castaneda-Sceppa C**, Bassett Middle J, Tucker KL. The disablement process among elderly Puerto Ricans: Findings from the Boston Puerto Rican Center on Population Health and Health Disparities. *FASEB Journal* 2007;21(6):A1070.
  60. Eksir F, **Castaneda-Sceppa C**, Cloutier G, Dallal G, Thomas A, Roubenoff R, Meydani SN. Effect of bed rest with amino acid supplementation on cell-mediated immune response in healthy men: Indications for immune status of astronauts. *FASEB Journal* 2007;21(6):A741.
  61. \*Layne JE, Mallio CJ, \*Sampson SE, Flanagan WJ, Friedman R, Guthrie A, Gouveia S, Jacques JL, Kennedy K, Kerwin M, Ryan ND, Wilson LB, **Castaneda C**. The Strong Living Program: dissemination of a community-based group exercise program for older adults through exercise leadership training and certification. *Age* 2006; 28(1):46. †
  62. **Castaneda C**, Cloutier G, \*Cadena S, \*Pearlman J, \*Brooks N, \*Layne J, Roubenoff R. Resistance training and timed amino acid supplementation protects against the loss of muscle mass and strength with disuse. *FASEB Journal* 2006;20(4):A591. †
  63. \*Chen JL, Coomber S, Jaber B, \*Liangos O, Levey A, **Castaneda C**. Resistance training during maintenance dialysis: Feasibility Study. *Journal of the American Society of Nephrology* 2005;16:PO734. †
  64. \*Layne J, Vannier E, Carambula S, **Castaneda C**. Resistance training increases serum adiponectin in older adults with type 2 diabetes. *FASEB Journal* 2005;19(4):A419. †
  65. Castaneda F, Kinne R, K-H, **Castaneda C**. Effect of resistance training on skeletal muscle sodium-dependent glucose transport (SGLT) gene expression in older adults with type 2 diabetes. *FASEB Journal* 2005;19(4):A469. †

- 
66. **Castaneda C**, \*Cadena S, Harris S. Association of vitamin D status with changes in markers for disease risk and morbidity in older adults with type 2 diabetes. *FASEB Journal* 2005;19(5):A1468. †
  67. Emerson Lombardo NB, Volicer L, Drebing CE, Martin A, **Castaneda-Sceppa C**, Bermudez O, Wu B, Imada T, Holmes MS, Zhang XW. Nutritional intervention for early Alzheimer's Disease (NEAD). *Journal of Nutrition, Health and Aging* 2004;8(5):428.
  68. **Castaneda C**. Resistance training and diabetes. *Medicine and Science in Sports and Exercise* 2004; 36(5 Suppl):S93. †
  69. **Castaneda C**, \*Layne JE, Johnson EJ, Yeum K-J. Antioxidant capacity in Hispanic older adults with type 2 diabetes engaged in resistance training. *Medicine and Science in Sports and Exercise* 2004; 36:(5 Suppl): S189. †
  70. **Castaneda C**, Mazariegos M, \*Zoico E, Bermudez OI, Parker RC, Roubenoff R, Solomons NW. Interleukin-6, sarcopenia and disability in Guatemalan older adults. *FASEB Journal* 2004;18(4):A171.
  71. \*Schneider SM, \*Janssen I, Sanchez N, Smith D, \*Paladugula N, **Castaneda C**, Roubenoff R, Vannier V. Role of muscle cytokines in a model of turpentine-induced cachexia. French Society for Enteral and Parenteral Nutrition. *Nutrition and Clinical Metabolism* 2003;17(Suppl 1): 25.
  72. **Castaneda C**, \*Janssen I. Ethnic comparisons of body composition in diabetes. *Journal of Nutrition, Health and Aging* 2003;7(4):201.
  73. **Castaneda C**, \*Gordon PL, Parker R, Roubenoff R, Levey AS. Resistance training reduces the underlying micro-inflammatory syndrome of chronic renal insufficiency. *FASEB Journal* 2003;17(4):A692. †
  74. \*Gordon PL, Vannier E, Roubenoff R, **Castaneda C**. Gender differences in relationships among adiposity, cytokines and clinical parameters in Hispanic Elders with type 2 diabetes. *FASEB Journal* 2003;17(4):A864. †
  75. **Castaneda C**, Ordovas JM, Nino L, Roubenoff R. Genotypic markers associated with the metabolic syndrome among Hispanic elders with type 2 diabetes. *Gerontologist* 2002;42(1): 300. †
  76. **Castaneda C**, Gismondi P, Freeman M, Chang K. Recruitment of diverse older volunteers to research: Meeting the challenges of a new multicultural society through successful partnerships. *Gerontologist* 2002;42(1):405.
  77. \*Gordon PL, Vannier E, \*Hamada K, Witsell A, \*Layne J, Hurley BF, Roubenoff R, **Castaneda C**. Effect of strength training on cytokine mRNA levels in skeletal muscle of diabetic Hispanic elders. *Medicine and Science in Sports and Exercise* 2002;35(5):S97. †
  78. \*Gordon PL, Vannier E, \*Hamada K, Witsell A, Hurley BF, Roubenoff R, **Castaneda C**. Cytokine gene expression in skeletal muscle of Hispanic elders with type 2 diabetes. *FASEB Journal* 2002;16(4):A396. †
  79. **Castaneda C**, \*Layne JE, \*Gordon PL, \*Huynh T, Foldvari M, \*Walsmith J, Munoz-Orians L, Roubenoff R, Nelson ME. Skeletal muscle hypertrophy in poorly controlled Hispanic older adults with type 2 diabetes in response to progressive resistance exercise training. *FASEB Journal* 2002;16(4):A24. †
  80. **Castaneda C**, Munoz-Orians L, \*Layne J, \*Walsmith J, Foldvari M, Roubenoff R, Tucker KL, Nelson M. A randomized trial of resistance exercise training to improve glycemic control on Hispanic elders with diabetes. *Diabetes* 2001;50(Suppl 2):A221. †
  81. **Castaneda C**, \*Gordon PL, Uhlin KL, Fielding RA, Roubenoff R, Fiatarone Singh MA. Resistance exercise training and skeletal muscle hypertrophy in uremic patients prescribed a low protein diet. *Medicine and Science in Sports and Exercise* 2001;33(5):S321. †

- 
82. **Castaneda C**, Munoz-Orians L, \*Layne J, Roubenoff R, Nelson M, Tucker KL. Improved glycemic control in Hispanic elders with type 2 diabetes: effects of diet and resistance exercise training. *FASEB Journal* 2001;15(5):A726. †
  83. McCrory MA, Roubenoff R, Fuss PJ, Munoz-Orians L, **Castaneda C**. Comparison of methods for measuring body composition responses to progressive resistance training in Hispanic elders with type 2 diabetes. *FASEB Journal* 2001;15(4):A252. †
  84. Bermudez OI, Valtuena S, **Castaneda C**, Waitekus AB, Sheahan CA, Tucker KL, Kehayias JJ. Accuracy of bioelectrical impedance for measurements of body composition in Hispanic American elderly women. *FASEB Journal* 2001;15(5):A1002.
  85. **Castaneda C**, \*Gordon PL, Uhlin KL, Kehayias JJ, Levey AS, Dwyer JT, Roubenoff R, Fiatarone Singh MA. A randomized trial of resistance training to improve nutritional status in chronic renal insufficiency. *Journal of American Society of Nephrology* 1999;10:155A. †
  86. **Castaneda C**, \*Gordon PL, Uhlin KL, Kehayias JJ, Levey AS, Dwyer JT, Roubenoff R, Fiatarone Singh MA. Resistance Exercise training prevents muscle wasting in renal disease. *FASEB Journal* 1999;13(5):A877. †
  87. **Castaneda C**, \*Becker E, Bermudez O, Tucker K. Is diabetes mellitus a predictor of poor protein nutritional status in Hispanic elders. *FASEB Journal* 1999;13(4):A534.
  88. Foldvari M, Clark M, \*Bernstein MA, Laviolette L, **Castaneda C**, \*Pu C, Hausdorff J, Fielding RA, Fiatarone Singh MA. Association of muscle power with functional status in community dwelling elderly women. *Medicine and Science in Sports and Exercise* 1999;31(5):S378.
  89. \*Comer W, \*Andres LP, Liljeblad K, **Castaneda C**, Dallal G, Hughes V, Roubenoff R. Validation and reliability testing of the Benson Field Test for maximal heart rate in runners. *Medicine and Science in Sports and Exercise* 1999;31(5):S281.
  90. **Castaneda C**, Hughes VA, Kehayias JJ, and Fiatarone Singh MA. Correlates of adductor pollicis muscle function in the elderly. *FASEB Journal* 1998;12(4):A532. †
  91. Uhlin L, Dwyer JT, \*Gordon PL, Levey AS, Fiatarone MA, **Castaneda C**. Adherence to a newly prescribed low protein diet in renal patients as assessed by food records and urine urea nitrogen. *Journal of the American Dietetic Association* 1997;97(Supp 9):A-29. †
  92. **Castaneda C**, \*Gordon PL, Fielding RA, Evans WJ, Crim MC. Low-protein dietary intake results in reduced plasma IGF-I levels and skeletal muscle fiber atrophy. *FASEB Journal* 1997;11(3):A237. †
  93. **Castaneda C**, Dolnikowski GG, Dallal GE, Evans WJ, Crim MC. Protein turnover in elderly women chronically fed a low protein diet. *FASEB Journal* 1995;9:A864. †
  94. **Castaneda C**, Evans WJ, Crim MC. Adverse changes in body composition and immune response in elderly chronically fed low protein diets. *FASEB Journal* 1994;8:A429. †
  95. Crim MC, **Castaneda C**, Elahi D, Hughes V, Ding M, Fielding R, Evans WJ. Effects of diet or exercise induced weight loss on body composition and glucose metabolism in older adults. *FASEB Journal* 1993;7:A517. †
  96. \*Boisvert WA, Mendoza I, **Castaneda C**, Portocarrero L, Solomons NW, Russell RM, Gershoff SN. Dietary intake requirements for riboflavin in healthy elderly do not differ from those recommended for adults. *FASEB Journal* 1991;5:A558. †
  97. **Castaneda C**, Barrera M, \*Boisvert WA, Mazariegos M, Solomons NW. The interaction of riboflavin status, usual lactose intake and cataractogenesis in elderly rural Guatemalans. *FASEB Journal* 1990;4:A370. †
  98. King J, Mazariegos M, **Castaneda C**, Valdez C, Solomons NW. Micronutrient status of elderly residents of the rural village of San Pedro Ayampuc. *FASEB Journal* 1990;4:A371. †

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99. Mazariegos M, King J, Siu M-L, **Castaneda C**, Solomons NW. Comparison of body composition and nutritional status of elder Guatemalans from rural and urban settings. *FASEB Journal* 1990;4:A536. †
  100. Santizo MC, Zepeda E, King J, **Castaneda C**, Mazariegos M, Solomons NW. Epidemiology of geriatric intestinal parasitosis in a rural Guatemalan village. *FASEB Journal* 1989;3:A646.
  101. **Castaneda C**, Solomons NW. Prevalence of osteoporosis in postmenopausal Guatemalan women. *FASEB Journal* 1988;2:A1424. †

### **Thesis Monographs**

1. **Castaneda C**. Adaptation to Marginal Dietary Protein Intakes in Elderly Women. An unpublished thesis in partial fulfillment for the degree of Doctor of Philosophy, School of Nutrition Science and Policy, Tufts University, 1994.
2. **Castaneda C**. Prevalence of Retinoblastoma among Urban Children in Guatemala. An unpublished thesis in partial fulfillment for the degree of Licenciante as Physician and Surgeon, Francisco Marroquin University, Guatemala City, Guatemala, 1987.

### **Media Featuring Scholarship**

#### ***Muscle Health – role of Nutrition and Exercise:***

<http://www.northeastern.edu/tomorrow/healthcare-delivery/carmen-sceppa-redefines-exercise>

<http://www.northeastern.edu/magazine/the-future-of-healthy-aging/>

<http://nutrition.tufts.edu/news/notes/2006-03.html>

<http://www.ars.usda.gov/is/AR/archive/may05/sarco0505.htm>

<http://www.ars.usda.gov/is/pr/2002/020412.htm>

[http://www.thedoctorwillseeyounow.com/articles/nutrition/protein\\_2](http://www.thedoctorwillseeyounow.com/articles/nutrition/protein_2)

#### ***Student Training and Mentoring***

<http://www.northeastern.edu/insolution/other/2012/11/middle-school-comes-to-college/>

#### ***Northeastern University – Interdisciplinary Translational Research***

<http://www.northeastern.edu/news/stories/2012/02/sceppa.html>

<http://www.northeastern.edu/news/stories/2012/01/squid.html>

<http://www.thebostonchannel.com/video/29837712/detail.html>

<http://www.northeastern.edu/news/stories/2009/05/scepparesearch.html>

<http://www.northeastern.edu/voice/pdfs/090515/page6-7.pdf>

#### ***Community Partnerships (Health Disparities Translational Research):***

<http://www.northeastern.edu/news/2012/07/taking-a-community-based-approach-to-health/>

[http://www.northeastern.edu/news/stories/2010/05/NIH-Tucker\\_grant.html](http://www.northeastern.edu/news/stories/2010/05/NIH-Tucker_grant.html)

<http://www.northeastern.edu/voice/pdfs/0521Voice.pdf>

<http://www.northeastern.edu/news/stories/2009/05/scepparesearch.html>

<http://www.northeastern.edu/voice/pdfs/090515/page6-7.pdf>

#### ***Family Gym – <http://www.northeastern.edu/healthykids/for-families/>***

Boston Neighborhood Network:

<https://www.youtube.com/watch?v=AdaBgxSVPUc&feature=youtu.be>

Olympics: <https://www.dropbox.com/sh/70h6gui9p0ghzld/1lu6grNDc9>

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<http://www.northeastern.edu/news/2009/06/open-gym/>  
<http://vimeo.com/34619139>  
[http://www.cityofboston.gov/cable/video\\_library.asp?id=2342](http://www.cityofboston.gov/cable/video_library.asp?id=2342)

**Healthy Kids Healthy Futures** – <http://www.northeastern.edu/healthykids>  
<http://www.northeastern.edu/news/2013/05/head-start/>  
<http://www.northeastern.edu/insolution/technology/2013/03/parker/>  
[http://www.northeastern.edu/servicelearning/pdfs/April\\_2012\\_Service-Learning\\_Newsletter.pdf](http://www.northeastern.edu/servicelearning/pdfs/April_2012_Service-Learning_Newsletter.pdf)  
<http://www.northeastern.edu/news/stories/2011/06/sceppa.html>  
<http://www.baystatebanner.com/health22-2011-04-28>  
<http://wbztv.com/centro/WBZ.TV4.Centro.2.1022458.html>  
<http://www.northeastern.edu/news/2009/04/healthykidshealthyfutures/>

**Participatory Community-Based Exercise Program for Older Adults:**  
[http://tuftsjournal.tufts.edu/archive/2004/january/features/living\\_well.shtml](http://tuftsjournal.tufts.edu/archive/2004/january/features/living_well.shtml)  
<http://nutrition.tufts.edu/magazine/2003fall/strongliving.html>

**Nutrition, Culture and Disease:**  
<http://www.ars.usda.gov/is/AR/archive/apr03/nutr0403.htm>  
<http://www.ars.usda.gov/is/pr/2000/000921.htm>

**Resistance Training Benefits in Older Hispanic Adults with Type 2 Diabetes:**  
<http://nutrition.tufts.edu/news/notes/2005-05.html>  
<http://nutrition.tufts.edu/feature/hispanic.shtml>  
<http://www.ars.usda.gov/is/pr/2002/021218.htm>

**Resistance Training Benefits in People with Chronic Kidney Disease:**  
<http://nutrition.tufts.edu/news/notes/2004-08.html#kidney>  
[http://nutrition.tufts.edu/news/notes/2002-01.html#kidney\\_disease](http://nutrition.tufts.edu/news/notes/2002-01.html#kidney_disease)

## **SERVICE TO THE DISCIPLINE/PROFESSION**

### **Adjunct Appointments**

2013 – 2014      **Adjunct Professor of Health Sciences**  
City University London, London, UK  
2007 – 2017      **Adjunct Associate Professor of Nutrition**  
Friedman School of Nutrition Science and Policy, Tufts Univ., Boston, MA

### **Committees**

2018 –            Faculty Mentor, NIA/GSA Career Development & Mentoring Technical Assistance Workshops  
2015 –            Member, Aging in Public Health Council, Association of Schools and Programs of Public Health (ASPPH)  
2014 – 2016      Chair, Aging & Chronic Disease Research Interest Section (RIS), American Society for Nutrition (ASN)  
2012 – 2014      Chair-Elect, Aging & Chronic Disease Research Interest Section (RIS), American Society for Nutrition (ASN)  
2013 – 2014      Past-Chair, Planning Committee, Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and

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- 2012 – 2013 Kidney Diseases (NIDDK), Washington, DC  
Chair, Planning Committee, Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Washington, DC
- 2011 – 2012 Chair-Elect, Planning Committee, Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Washington, DC
- 2011 – 2012 Chair, Intervention Working Group, Centers for Population Health and Health Disparities, National Heart Lung and Blood Institute (NHLBI) and the National Cancer Institute (NCI)
- 2010 – 2012 Member, Planning Committee, Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Washington, DC
- 2004 – Member, Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Washington, DC
- 2004 – American Diabetes Association Council on Exercise
- 2003 – Faculty, W.B. Schwartz Research Training Program Division of Nephrology, Tufts Medical Center, Boston, MA
- 2002 – 2005 Committee on Professional Nutrition Education, American Society for Clinical Nutrition
- 2000 – 2004 Diversity in Medicine Committee, Massachusetts Medical Society, Waltham, MA

#### **Data Safety Monitoring Board (DSMB)**

- 2014 – National Institute on Aging, Division of Geriatrics and Clinical Gerontology, Clinical trial: NCT02145949

#### **Ad Hoc Grant Review**

- 2018 – Tufts Clinical and Translational Science Institute (CTSI), Pilot Studies Scientific Training and Review Committee
- 2015 National Heart Lung and Blood Institute (NHLBI) Special Emphasis Panel (SEP): Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01) - RFA-HL-16-006
- 2015 – 2018 NIA's Boston Roybal Center for Active Lifestyle Interventions (RALI)
- 2015 – 2018 NINR's Northeastern Center for Technology in Support of Self-Management and Health (NUCare)
- 2014 U.S. Army and the Army Medical Research and Material Command
- 2014 The British Diabetic Association, Diabetes UK
- 2013 The John A Hartford Foundation Center of Geriatric Nursing Excellence. Review on "*Evidence Based Guidelines on Progressive Resistance Training in the Older Adults*"
- 2013 Maryland Industrial Partnerships Program (MIPS), University of Maryland on "*Muscle Recovery with Fifth Quarter Fresh*"
- 2012 NIH Review 2012/08 ZRG1 BBBP-E (53) R - NIH Director's Early Independence Award
- 2009 – 2011 Brookdale Leadership in Aging Fellowship Program
- 2008 Diabetes Australia Research Trust (DART)

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2007 Scottish Executive Health Department  
2005 National Space Biomedical Research Institute

### **Abstract Review**

2018 – Gerontological Society of America (GSA)  
2008 – American Society for Nutrition (ASN)  
2004 – European Society for Parenteral and Enteral Nutrition (ESPEN) Annual Meeting

### **Editorial**

#### ***Editorial Board Member***

2013 – Journal of Aging and Health  
2014 – 2016 Journal of Epidemiology and Preventive Medicine

#### ***Journal Review***

Applied Physiology	Applied Physiology
Nutrition and Metabolism	American Journal of Clinical Nutrition
American Journal of Kidney Disease	American Journal of Physiology
British Journal of Nutrition	Clinical Rehabilitation
Diabetes Care	Journal of Aging and Health
Journal of Aging and Physical Activity	Journal of Aging Research
Journal of Applied Physiology	Journal of Clinical Endocrinology and Metabolism
Journal of Metabolism and Endocrinology	Journal of Nephrology
Journal of Nutrition	Journal of Nutritional Biochemistry
Journal of Physical Activity and Health	Journal of the American Geriatrics Society
Medicine Science in Sports and Exercise	Nephrology Dialysis Transplantation
Nutrition	Nutrition Research

### **SERVICE TO THE COMMUNITY/PUBLIC**

2013 – 2016 Advisory Committee, Epidemiology, Health & Fitness Group, Cambridge Public Health Department (CPHD), Cambridge, MA  
2013 – 2014 Advisory Committee, the Puerto Rico Testsite for Exploring Contamination Threats (PROTECT) Center, Puerto Rico  
2011 – Advisory Committee, FriendshipWorks, Boston, MA  
2011 – Advisory Committee, Heart Disease and Stroke Prevention and Control Program, Bureau of Community Health Access and Promotion, Massachusetts Department of Public Health, Boston, MA  
2009 – 2011 Advisory Committee, Community Health Education and Literacy Program (CHELP). Center for Community Health Education Research and Service (CCHERS), Boston, MA  
2009 – Advisory Committee, ABCD Head Start Citywide Health Services, Boston, MA  
2002 – Healthcare Advisory Group, MA, Cardiovascular Health Initiative, Massachusetts Public Health Association, Boston, Boston, MA  
2001 – 2003 Outreach Workers Elder Health Education and Training, Boston Public Health Commission, Boston, MA

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- 1998 – 2007 Member, Latin American Health Public Council, Boston Public Health Commission, Boston, MA  
1998 – Member, Multicultural Coalition on Aging, Boston, MA

### **PROFESSIONAL ORGANIZATIONS**

- 2011 – American College of Sports Medicine (ACSM)  
2004 – Network of Minority Research Investigators (NMRI), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)  
2001 – 2016 American Diabetes Association and ADA’s Council on Exercise (ADA)  
1999 – 2017 Researchers against Inactivity Related Diseases (RID)  
1999 – 2015 Massachusetts Public Health Association (MAPH)  
1997 – Gerontological Society of America (GSA)  
1994 – American Society for Nutrition (ASN)  
1994 – 2007 Society of International Nutrition Research (SINR)  
1987 – College of Physicians and Surgeons of Guatemala